

**PI 591549. *Hibiscus sabdariffa* L.**

Wild. Collected 05/17/1981 in Zambia. Latitude 15 deg. S. Longitude 22 deg. 4' E. Sikongo, Kalabo District, Western Province. Selected from PI 500725.

**PI 591550. *Hibiscus mechowii* Garcke**

Wild. Collected 05/17/1981 in Zambia. Latitude 15 deg. S. Longitude 22 deg. 4' E. Sikongo, Kalabo District, Western Province. Selected from PI 500725.

**PI 591551. *Hibiscus sabdariffa* L.**

Cultivated. Collected 05/17/1981 in Zambia. Latitude 14 deg. 56' S. Longitude 22 deg. 39' E. Chingenge, Kalabo District, Western Province. Selected from PI 500728.

**PI 591552. *Hibiscus acetosella* Welw. ex Hiern**

Cultivated. Collected 11/1981 in Zambia. Latitude 14 deg. 56' S. Longitude 22 deg. 39' E. Chingenge, Kalabo District, Western Province. Selected from PI 500728.

The following were developed by Herbert W. Ohm, Purdue University, Agronomy Department, 1150 Lilly Hall, West Lafayette, Indiana 47907-1150, United States. Received 08/29/1995.

**PI 591553. *Triticum aestivum* L., nom. cons.**

Breeding. Pureline. PR143. Pedigree - T. timopheevi/3\*Marquis//cms Monon/Primepi. Early heading soft red winter R-line developed in a Monon background with *Triticum timopheevi* cytoplasm and a possible combination of restorer genes from T. timopheevi and Primepi. Resistant to powdery mildew and susceptible to leaf rust in the adult-plant stage. Awnletted, about 105cm tall, and 3 days later than Monon in heading. Selected for ability to restore male fertility in F1 hybrids with cms Monon, cms Arthur, and cms Redcoat.

**PI 591554. *Triticum aestivum* L., nom. cons.**

Breeding. Pureline. PR189. Pedigree - cms Abe\*4/ND R5. Soft red winter R-line developed in an Abe background with *Triticum timopheevi* cytoplasm and restorer genes from the North Dakota R5 restorer line, which had three genes for restoration of male fertility. Awnless and similar to Abe in heading date. Moderately susceptible to powdery mildew in the adult-plant stage. Selected for ability to restore male fertility in F1 hybrids with cms Monon and cms Redcoat.

**PI 591555. *Triticum aestivum* L., nom. cons.**

Breeding. Pureline. PR267. Pedigree - cms Arthur\*3/TBR26-6-4. Soft red winter R-line developed in a cms Arthur background with *Triticum timopheevi* cytoplasm and restorer gene(s) from TBR26-6-4. The TBR (Texas bulk restorer) line has an unknown source of male fertility restorer genes. Awnletted and 1 day later than Monon and 2 days earlier than Abe in heading. Resistant to powdery mildew. Selected for ability to restore male fertility in F1 hybrids with cms Monon and cms Redcoat.

**PI 591556. *Triticum aestivum* L., nom. cons.**

Breeding. Pureline. PR270. Pedigree - cms Arthur\*3/TBR76-1-3. Soft red winter R-line developed in a cms Arthur background with cytoplasm from *Triticum timopheevi* and male fertility restorer gene(s) from TBR76-1-3. The TBR (Texas bulk restorer) R-line has restorer genes of unknown source. Awnletted and about 1 day later in heading than Arthur. Moderately resistant to powdery mildew in the adult plant stage. Selected for ability to restore male fertility in F1 hybrids from crosses with cms Monon and cms Redcoat.

**PI 591557. *Triticum aestivum* L., nom. cons.**